



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/659,506	09/10/2003	Derick Brian Payne	03-193	3609

719 7590 06/28/2004

CATERPILLAR INC.
100 N.E. ADAMS STREET
PATENT DEPT.
PEORIA, IL 616296490

EXAMINER

RAMIREZ, RAMON O

ART UNIT	PAPER NUMBER
----------	--------------

3632

DATE MAILED: 06/28/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/659,506	Applicant(s) PAYNE, DERICK BRIAN	
	Examiner RAMON O. RAMIREZ	Art Unit 3632	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
 - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
 - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
 - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 10 September 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 10 September 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>9/10/03</u> . | 6) <input type="checkbox"/> Other: _____ |

Art Unit: 3632

Detailed Action

This is the first Office Action corresponding to original filing. Claims 1-20 are active.

Information Disclosure Statement

Receipt is acknowledged of Information Disclosure Statement, which has been reviewed by the Examiner but US patent publication US 2002/0100855 which could not be retrieved.

Claim Rejections - 35 USC § 112

Claims 14-19 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. For the purpose of this action, the claims depending from claim 9 are considered to depend from claim 13.

These claims are drawn to a method but depend from claims drawn to an article.

Claim 20 is drawn to an article but depends from some method claims. No art is cited against this claim but is worth no note that Ebesu et al. discloses an engine; accordingly it can be read as a 102 rejection to some in the claims in the chain of claim 20.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1, 6, 12, 13, and 17-19 are rejected under 35 U.S.C. 102(b) as being anticipated by Ebesu et al. (Pat No 5,197,423).

The patent to Ebesu et al. shows an engine comprising, at Fig 5, a bracket (40) having one portion (17) contacting a surface, and a second portion (44) near a second surface (46). Both portions have a passageway and a bolt (41 and 43) extending through the passageway penetrating into the surfaces.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 2-5, 8-11, and 14-19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ebesu et al.

Art Unit: 3632

The means for securing the bolts recited here are all well known in the art, and their use is considered to be an obvious matter of engineering to better secure the bolts.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Patent Publication US 2003/0084865 A1 to Yamagata et al. shows an accessory mounting structure for internal combustion engine.

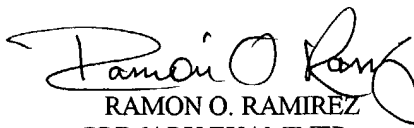
Any inquiry concerning this communication or earlier communications from the examiner should be directed to examiner **Ramírez** at telephone number (703) 308-0748. The examiner can be normally reached on Monday-Thursday and alternate Fridays.

The fax numbers for this Group are (703) 872-9306 (official papers), and (703) 308-3519 (unofficial papers).

Any inquiry of general nature relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 308-1113.

A shortened period for response to this Office Action expires THREE MONTHS from the mailing date of this action.

R.O.RAMIREZ
June 22, 2004


RAMON O. RAMIREZ
PRIMARY EXAMINER
TECHNOLOGY CENTER 3600
ART UNIT 3632